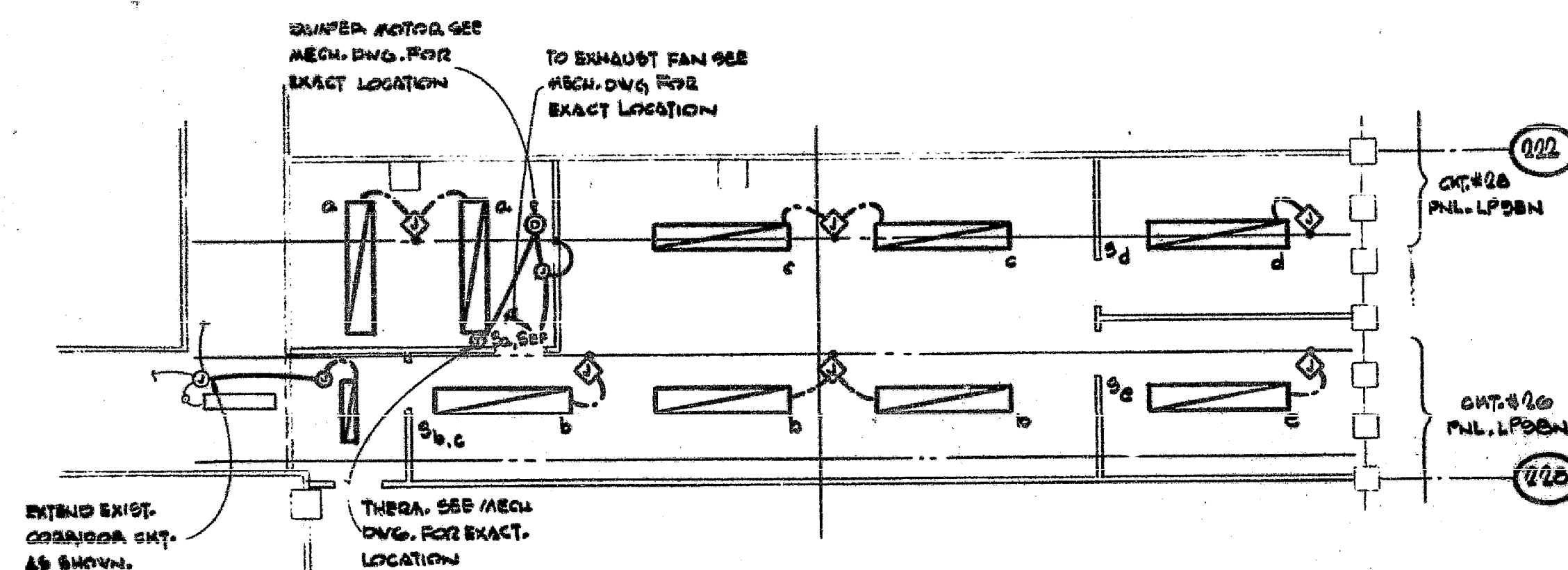


POWER AND TELEPHONE PLAN



LIGHTING PLAN

MATERIALS FURNISHED BY AUTHORITY	
ITEM	QUANT
FLOOR LIGHT, FIXT. 20"X100"	9
UNDERCELL BOX ASSEMBLY	6
APL. FIT. CONTROL/DUP. RECEPT	8
PALUSOL PACKETS	9
CORRIDOR LIGHT, FIXT. 1'-6"	1
APL. FIT. & ADAPTOR ASSEMB.	1

LEGEND

- FLUORESCENT LIGHTING FIXTURE (20"X100"). SUB-LETTER DENOTES SWITCH CONTROL. - SEE NOTE #1.
- FLUORESCENT CORRIDOR LIGHTING FIXTURE (1'X4'). - SEE NOTE #1.
- EXISTING FLUORESCENT CORRIDOR LIGHTING FIXTURE TO REMAIN (1'X4').
- UNDERCELL MOUNTED BOX ASSEMBLY - SEE NOTE #1.
- SINGLE POLE WALL SWITCH, MOUNTED 50" A.F.F. UNLESS OTHERWISE NOTED. SUB-LETTER INDICATED FIXTURE(S) CONTROLLED - 20A., 277V., CAT. #1121-GRAY; BY VIBBELL (#1101-GRAY; 15A, 120V.).
- AFTERSET FITTING, COMBINATION TELEPHONE/DUPLEX RECEPTACLE, 15A., 125V. - SEE NOTE #1.
- RIGID STEEL CONDUIT, HOT DIPPED GALVANIZED (UL STANDARD #6), RUN CONCEALED IN CEILING AND/OR WALL.
- FLEXIBLE CONDUIT AND CABLE CONNECTION (UL STANDARD #514).
- CENTERLINE OF EXISTING FLOOR CELL.
- EXISTING POWER AND TELEPHONE FLOOR CELL.
- EXISTING FLOOR ACCESS PANELS OF FLOOR CELLS AND HEADER DUCT.
- EXIST JUNCTION BOX TO REMAIN.
- JUNCTION BOX SIZE AS REQUIRED.
- FLUSH MOUNTED EXHAUST SWITCH MOUNTED 50" A.F.F. CAT. #1121-GRAY BY G.E.

NOTES:

1. ITEMS WHICH ARE REFERRED TO THIS NOTE IN THE LEGEND WILL BE FURNISHED BY THE AUTHORITY AND SHALL BE INSTALLED AND CONNECTED BY THE CONTRACTOR.
2. UNLESS SPECIFICALLY NOTED OTHERWISE, ELECTRICAL OUTLETS ARE CONNECTED TO THE CIRCUITS WHICH ARE DESIGNATED AT THE END OF EACH CELL.
3. WHEN INSTALLING AND/OR REMOVING LIGHTING AND/OR RECEPTACLE OUTLETS; SPLICES AND/OR RECONNECTIONS IN THE UNDERFLOOR SYSTEM SHALL BE MADE IN THE HEADER DUCT ONLY. CONTRACTOR SHALL INSTALL TWO WIRES FROM EACH RECEPTACLE OR LIGHTING FIXTURE BOX ASSEMBLY TO THE HEADER DUCT. ALL UNUSED WIRING BETWEEN THE REMOVED OUTLETS AND HEADER DUCT IS TO BE REMOVED BY THE CONTRACTOR.
4. ALL CONDUITS TO HAVE A MINIMUM OF 2 #12 WIRES (UL STANDARD #83), AND SHALL BE A MINIMUM OF 3/4" UNLESS OTHERWISE NOTED.
5. MINIMUM DISTANCE FOR ALL COMBINATION TELEPHONE/DUPLEX RECEPTACLES AND/OR RECEPTACLES SHALL BE 6" FROM WALLS OR CONVECTORS, UNLESS OTHERWISE INDICATED ON DRAWING.
6. ALL DEVICE PLATES FOR WALL OUTLETS SHALL BE BRUSH SATIN FINISH, ANODIZED ALUMINUM. DEVICE PLATES FOR TELEPHONE OUTLETS SHALL CONTAIN A BUSHED HOLE.
7. FOR ELECTRICAL SPECIFICATIONS SEE DRAWING E-1.
8. THE AUTHORITY WILL FURNISH BLANKING SETS FOR FLOOR OUTLET UNITS WHICH ARE TO BE CAPPED.
9. ALL ELECTRICAL FLOOR OUTLET UNITS (HOUSING) SHALL BE SET FLUSH ON THE CONCRETE OR VINYL FLOOR.
10. THE CONTRACTOR SHALL INSTALL IN ALL AFTERSET FITTINGS, TWO (2) "PALUSOL" PACKETS (FIREFSTOP); ONE ON EACH SIDE OF AFTERSET RAFFLE. PACKETS SHALL BE FURNISHED BY THE AUTHORITY AND INSTALLED BY THE CONTRACTOR.
11. THE FURNISHING AND INSTALLATION OF ANY MATERIALS IN EXCESS OF THOSE SHOWN SHOWN IN TABLE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
12. AT THE DIRECTION OF THE ENGINEER, THE PORT AUTHORITY SHALL FURNISH AFTERSET INSERT EXTENSIONS, IN THOSE AREAS WHERE THE AFTERSET FITTING IS NOT FLUSH WITH THE FINISHED FLOOR.

0 5 10  
SCALE IN FEET

RELEASED FOR BIDDING  
BY *[Signature]* DATE 3-5-80  
RELEASED FOR CONSTRUCTION  
BY *[Signature]* DATE 3/11/80  
MANAGER, WTC PLANNING DIVISION

THIS DRAWING FURNISHED SUBJECT TO CONDITIONS STATED IN WORKMANSHIP AND MATERIALS CLAUSES OF SPECIFICATIONS. NO INFORMATION CONTAINED HEREIN IS TO BE USED WITHOUT WRITTEN PERMISSION OF THE PORT AUTHORITY EXCEPT AS PERMITTED THEREIN. ALL INVENTIONS, PATENTS AND METHODS ARE RESERVED TO THE PORT AUTHORITY.

REVISIONS							
NO.	DATE	APPD.	DESCRIPTION	NO.	DATE	APPD.	DESCRIPTION

**THE PORT AUTHORITY OF NY & NJ**  
**THE WORLD TRADE CENTER**  
**TOWER A 98TH FLOOR**  
**TANGENT INTERNATIONAL COMPUTER CONSULTANTS, INC.**

*[Signature]* ASST. CHIEF ENGINEER  
*[Signature]* ENGINEER OF DESIGN  
*[Signature]* CHIEF ELECTRICAL ENGINEER

FEB 26 1980  
DATE

POWER, TELEPHONE AND LIGHTING PLAN  
NOTES AND LEGEND  
CONTRACT NO. WTC-577.199  
DRAWING NO. E-2